

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/004751 A1

(51) International Patent Classification⁷:
F15D 1/06

A61F 2/06,

(72) Inventors; and

(21) International Application Number:

PCT/GB2004/002216

(75) Inventors/Applicants (*for US only*): HOUSTON, John,
Graeme [GB/GB]; Bishops House, Fairmount Road,
Perth Tayside PH2 7AW (GB). HOOD, Robert, Gordon
[GB/GB]; 9 Rosamund Pilcher Avenue, Longforgan
Tayside PH2 9AF (GB). STONEBRIDGE, Peter, Arno
[GB/GB]; 7 Glebe Terrace, Perth Tayside PH2 7AG (GB).
DICK, John, Bruce, Cameron [GB/GB]; Princeland,
Blairgowrie Road, Coupar Angus Tayside PH13 9AU
(GB).

(22) International Filing Date: 24 May 2004 (24.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0315714.6 4 July 2003 (04.07.2003) GB

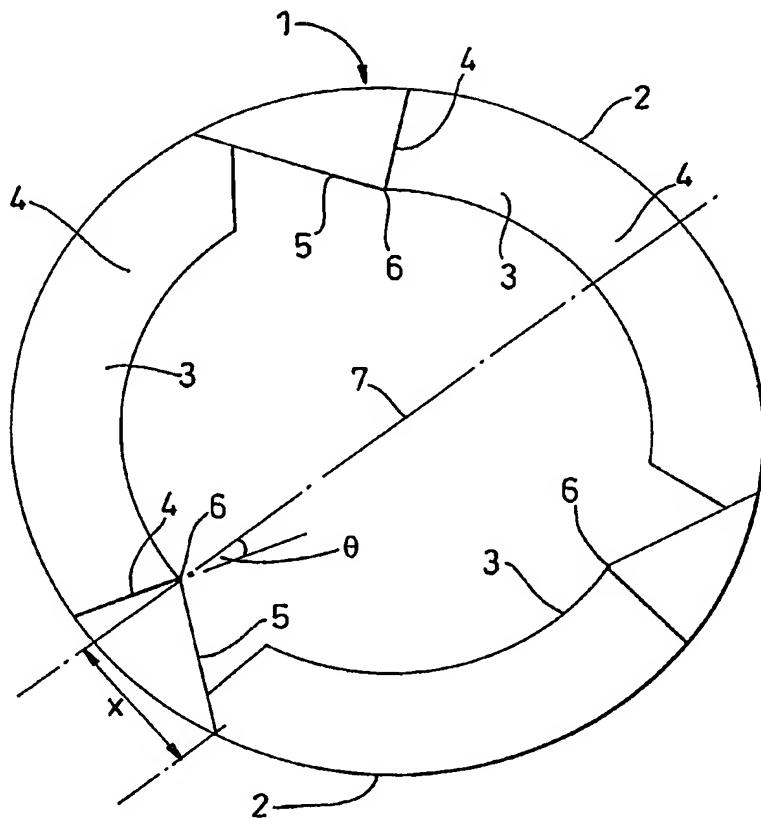
(71) Applicant (*for all designated States except US*): TAY-SIDE FLOW TECHNOLOGIES LIMITED [GB/GB]; Unit 20, Prospect Business Centre, Gemini Crescent, Dundee Technology Park, Dundee Tayside DD2 1TY (GB).

(74) Agent: MCCALLUM, Graeme, David; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport, Cheshire SK3 0ET (GB).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: AN INTERNAL FORMATION FOR A CONDUIT



(57) Abstract: An internal formation (3) for a conduit (1). The formation (3) has a longitudinally extending member adapted to extend along an inside surface of at least a portion of the length of the conduit (1). The longitudinally extending member has an asymmetric profile in a direction transverse of the longitudinal axis of the member.



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.